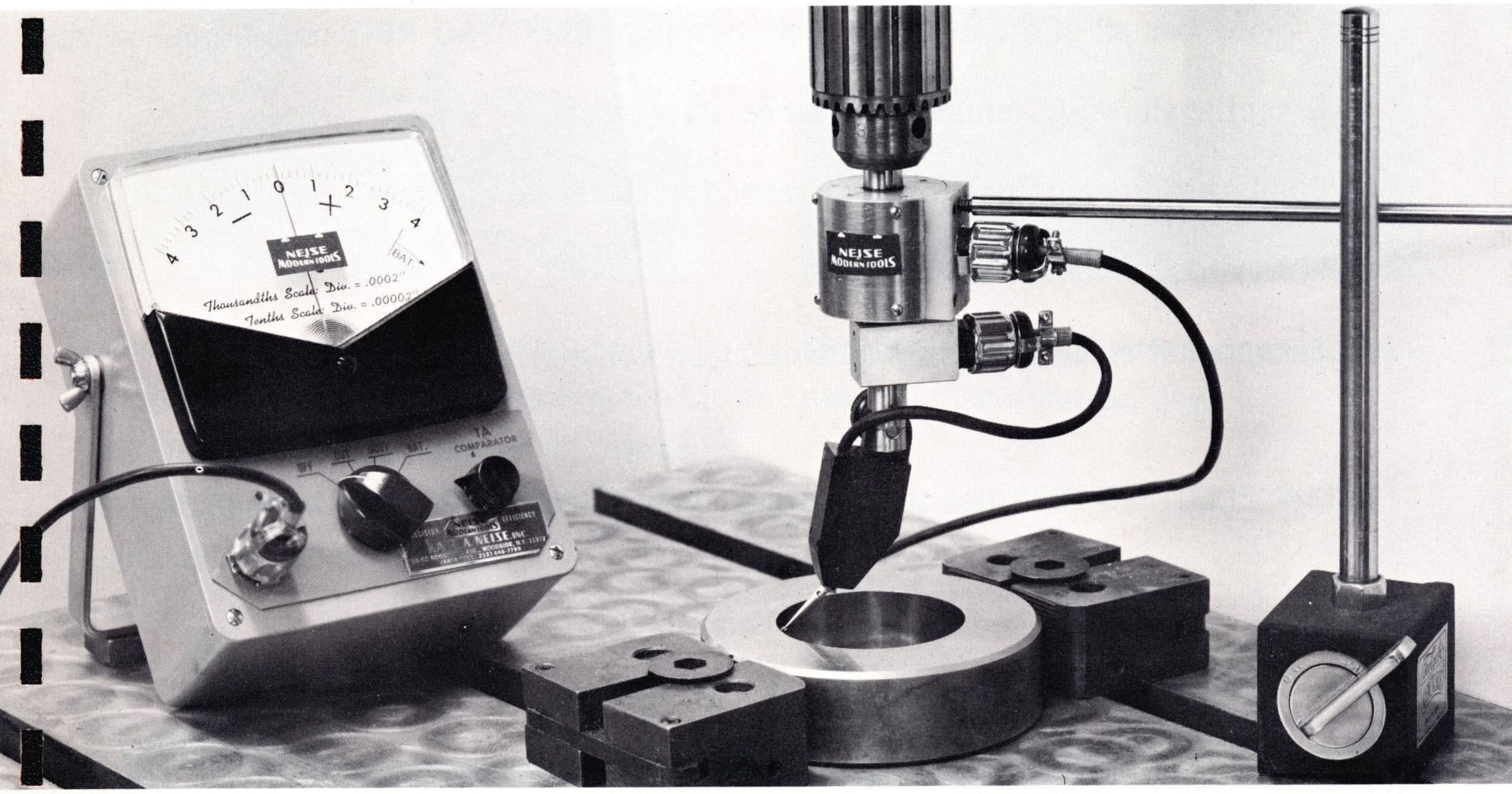
Electr-O-rbit

THE PORTABLE CENTERING INDICATOR AND COMPARATOR



A rugged, reliable electronic comparator for quality control plus a precision centering indicator.

The ELECTR-O-RBIT multi-purpose comparator enables you to tram, to compare and to center indicate to twenty millionths of an inch while machine spindle rotates in its true orbit under its own power.

- **Battery operated, use it anywhere.**
- **You can use it on your jig borer, grinder, lathe, surface plate, checking fixtures and height gage.**
- **Two scales: .001″, each graduation = .0002″**
  .0001″, each graduation = .00002″
- **Visual dimension interpretation to .00001″.**

GUARANTEE:

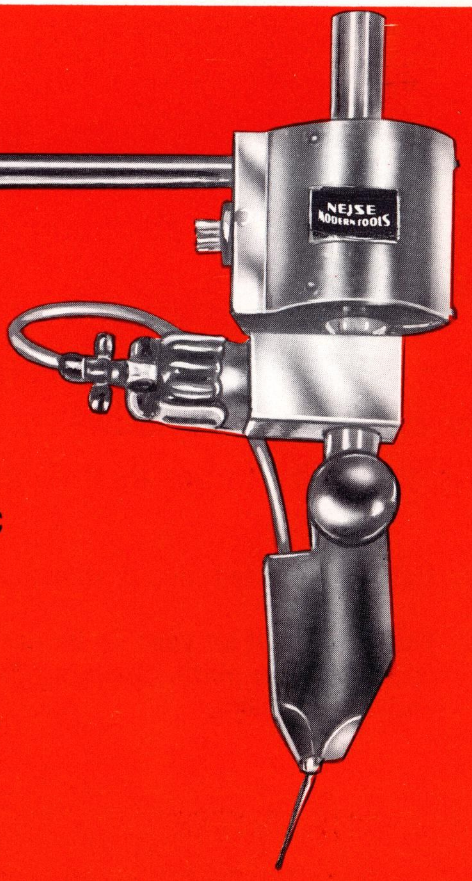
One year guarantee on repairs, adjustments and replacement of parts except batteries.

Delux
ElectrOrbit

This model has all of the features of the standard ELECTR-O-RBIT plus the following:

- Exceptionally wide temperature range stability
- Parallax errors eliminated due to reflecting mirror on dial face
- Visual interpretations to .000005″
- Exceptional stability against outside electrical interference

DELUX ELECTR-O-RBIT has the following three scales:
.001″ each graduation
.0001″ each graduation
.00001″ each graduation



ElectrOrbit
SPECIAL PROBE CARRIER

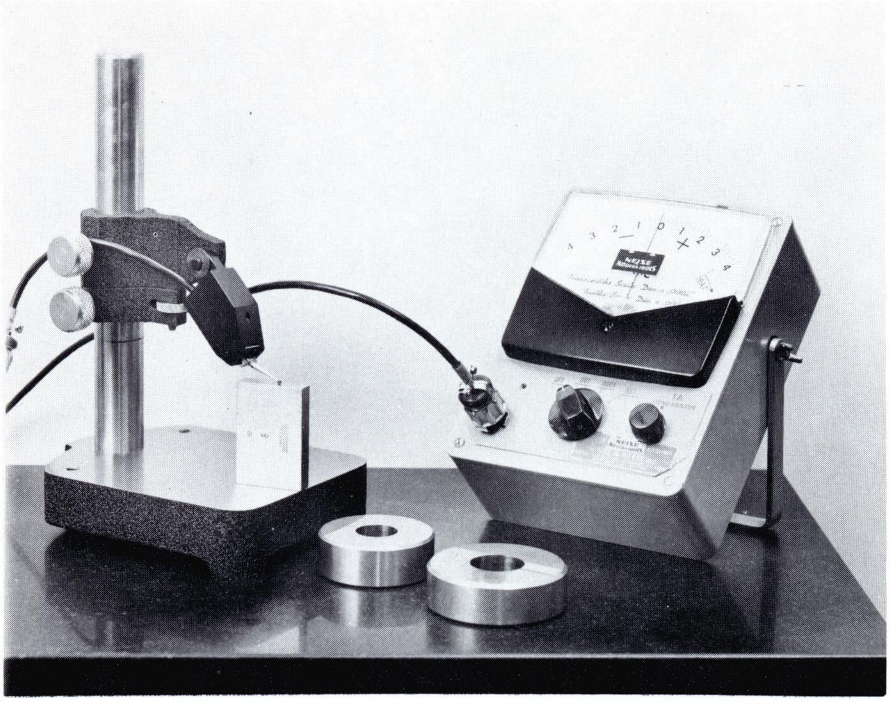
EXPAND THE USEFULNESS OF YOUR PRESENT ELECTRONIC COMPARATOR AND TAKE THE GUESSWORK OUT OF CENTER FINDING.

The ELECTR-O-RBIT special probe carrier can be retrofitted to your present electronic comparator and probe. It will enable you to use your present equipment for centering, etc. while the machine spindle is under power and rotating in its TRUE orbit.

The ELECTR-O-RBIT saves time and eliminates error. You have two hands free to adjust your X and Y coordinates. Make a true Jig Borer or Jig Grinder out of your present machines.

KAN ELECTRONIC COMPARATOR

GUARANTEED AGAINST MANUFACTURING DEFECTS FOR ONE YEAR



KAN ELECTRONIC COMPARATOR with standard probe Furnished in wooden case	$302.00
DELUXE KAN ELECTRONIC COMPARATOR with standard probe Furnished in wooden case	$434.00
KAN CHEK COMPARATOR STAND	$31.50 extra

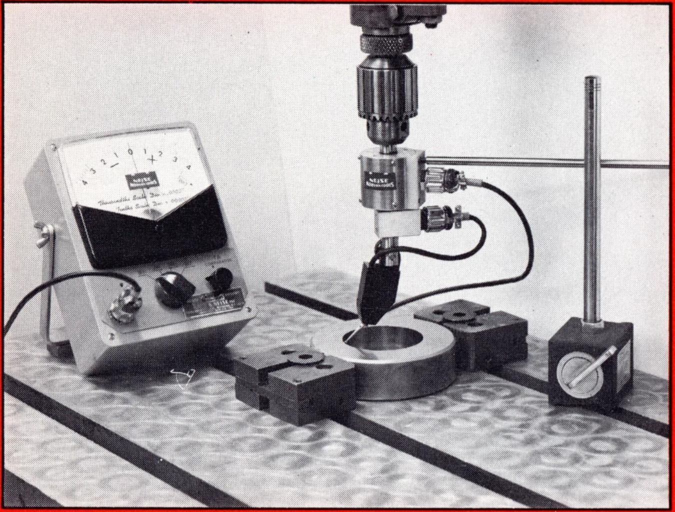
The above illustrated unit, when coupled with our rotating ORBIT probe carrier becomes the Electr-O-rbit. The rotating ORBIT probe carrier is used in the machine spindle for precise centering and tramming while the spindle is revolving on its own power, as shown in our Electr-O-rbit brochure.

SAVE – – – – DO IT YOURSELF!

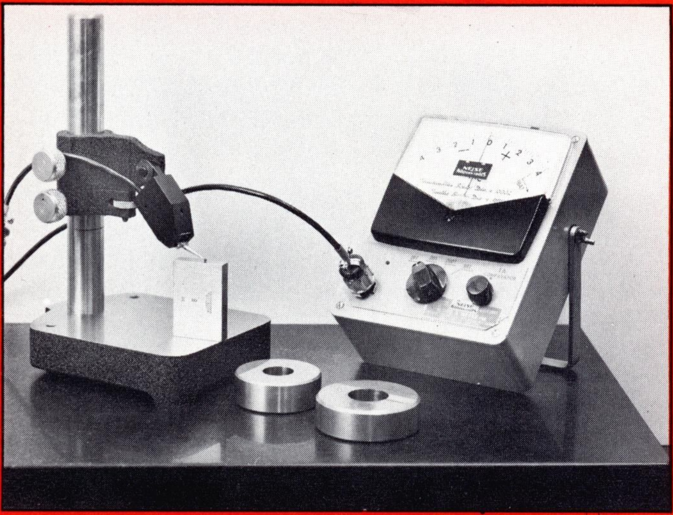
Convert your own electronic comparator to an Electr-O-rbit by connecting our rotating ORBIT probe carrier KIT. This is $207.00 plus $15.00 additional if you prefer to ship us your comparator for installing.

Long life battery operated

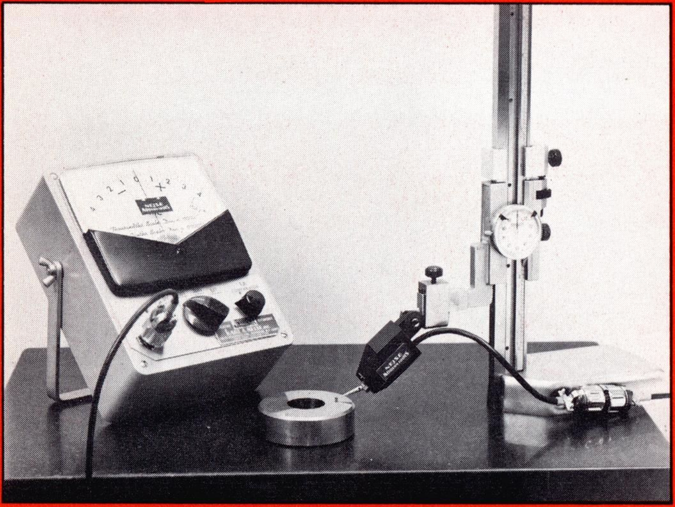
Not affected by power failure, line noise and disturbance



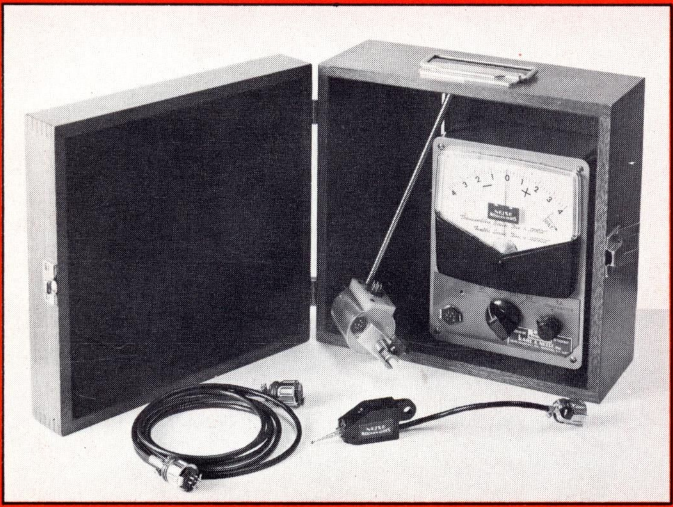
Electr-O-rbit centering indicator and comparator precisely positions work piece to the true orbit of the continuous rotation of a power driven machine spindle.



The Electr-O-rbit probe and comparator used as a comparison gage.



The Electr-O-rbit probe and comparator used to transfer measurement on a height gage.



The Electr-O-rbit complete in wood carrying case.

Electr-O-rbit

For years shops have been battling the elusive tenths of a thousandth (.0001″) that seem to creep into the final bore position and cause many hours of lost work, innumerable pieces of expensive scrap and countless arguments with Quality Control.

The Electr-O-rbit overcomes several of the costly problems mentioned above.

Few operators are aware that 90% of the machines they work on have a common problem: the machine spindle does not bore the hole exactly where they pick it up after tramming an edge or indicating a bore.

The reason is simply that a stationary spindle with a mechanical or electronic indicator is not in the same rotating orbit as a spindle rotating under its own power uninfluenced by the operator.

It is impossible to read a mechanical indicator while the spindle is power operated and the mechanical rotating types, due to the many moving parts, are not precise enough to pick up a position. The Electr-O-rbit can do this.

This problem is magnified when indicating or tramming a work piece in horizontal spindle machines. The spindle when stationary settles through its oil film and no matter how large the spindle diameter, it sags as it is extended and is distorted still more by the operator turning it by hand.

To overcome this condition use the Electr-O-rbit with the spindle rotating under its own power. **The machine spindle then seeks its own operating orbit exactly where it performs its cutting operation.**

After years of field study, Moderntools Corporation, Division of Karl A. Neise, Inc., has developed the Electr-O-rbit to eliminate the off position bore. It results in considerable savings in time and work. Simply place the Electr-O-rbit in the machine spindle, rotate the spindle under its own power, and with two hands free move the X & Y to the zero position as indicated on the comparator, using the scale range suitable for your type of work.

Remove the Electr-O-rbit and let the shop use the probe and comparator for layout, inspection, comparison and quality control.

This multi-purpose instrument saves its cost many times over by reducing lost man hours and useless arguments with inspectors and customers.

The time savings produced by the Electr-O-rbit also mean more productive machine hours.

No shop no matter how small can afford to be without the Electr-O-rbit.

Another new, exclusive instrument brought to you by Moderntools Division of Karl A. Neise.

"Our 25 Years of Serving Industry are your Quality Assurance"

MODERNTOOLS CORP **56-02 Roosevelt Avenue, Woodside, N. Y. 11377 • 212 HI 6-6262**

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